

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|--|------------------|---------|---------------------|
| L1 | 2094 | (219/121.64).OCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/12/04 15:26 |
| L2 | 1441 | (219/121.63).OCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/12/04 15:26 |
| L3 | 113 | 1 and laser and cladding | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/12/04 15:27 |
| L4 | 103 | 1 and (laser with clad \$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/12/04 15:27 |
| L5 | 69 | 2 and (laser with clad \$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/12/04 15:27 |
| L6 | 348 | (219/121.65).OCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/12/04 15:27 |
| L7 | 24 | 6 and (laser with clad \$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/12/04 15:28 |
| L8 | 3 | 1 and (laser with clad \$4) and ((cylinder- head) or (cylinder head)) and valve | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/12/04 15:28 |
| L9 | 2 | 2 and (laser with clad \$4) and ((cylinder- head) or (cylinder head)) and valve | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/12/04 15:28 |

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| L10 | 0 | 6 and (laser with clad\$4) and ((cylinder-head) or (cylinder head)) and valve | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/12/04 15:28 |
| L11 | 540 | (219/121.66).OCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/12/04 15:29 |
| L12 | 2 | 11 and (laser with clad\$4) and ((cylinder-head) or (cylinder head)) and valve | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/12/04 15:30 |
| L13 | 1110 | (219/121.84).OCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/12/04 15:30 |
| L14 | 2 | 13 and (laser with clad\$4) and ((cylinder-head) or (cylinder head)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/12/04 15:30 |
| L15 | 2001 | (219/121.85).OCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/12/04 15:30 |
| L16 | 2 | 15 and (laser with clad\$4) and ((cylinder-head) or (cylinder head)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/12/04 15:31 |
| L17 | 1047 | (427/596).OCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/12/04 15:31 |
| L18 | 1 | 17 and (laser with clad\$4) and ((cylinder-head) or (cylinder head)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/12/04 15:31 |
| L19 | 728 | (427/554).OCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/12/04 15:32 |

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| L20 | 2 | 19 and (laser with clad\$4) and ((cylinder-head) or (cylinder head)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/12/04 15:32 |
| L21 | 0 | 427/555.ccls. and (laser with clad\$4) and ((cylinder-head) or (cylinder head)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/12/04 15:33 |
| L22 | 1 | 427/556.ccls. and (laser with clad\$4) and ((cylinder-head) or (cylinder head)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/12/04 15:33 |
| L23 | 1 | 427/596.ccls. and (laser with clad\$4) and ((cylinder-head) or (cylinder head)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/12/04 15:34 |
| L24 | 3 | 427/597.ccls. and (laser with clad\$4) and ((cylinder-head) or (cylinder head)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/12/04 15:34 |
| L25 | 2 | 219/121.85.ccls. and (laser with clad\$4) and ((cylinder-head) or (cylinder head)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/12/04 15:36 |
| L26 | 0 | 364/468.26.ccls. and (laser with clad\$4) and ((cylinder-head) or (cylinder head)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/12/04 15:38 |
| L27 | 74 | ((AKIO) near2 (SATO)).INV. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/12/04 15:41 |
| L28 | 44 | ((YOSHINORI) near2 (SHIKAWA)).INV. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/12/04 15:41 |
| S1 | 203 | (219/615).OCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/05 09:21 |
| S2 | 163899 | ("219").CLAS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/05 09:37 |

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| S3 | 560 | S2 and laser and cladding | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/05 09:37 |
| S4 | 401 | S2 and (laser with clad\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/05 09:58 |
| S6 | 19298 | (laser with clad\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/05 12:38 |
| S7 | 778 | S6 and cylinder | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/05 12:48 |
| S8 | 123 | S7 and inclin\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/05 12:49 |
| S9 | 2896 | clad\$4 and cylinder and valve | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/05 16:40 |
| S10 | 74 | (laser with clad\$4) and ((cylinder-head) or (cylinder head)) and valve | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/05 16:42 |
| S17 | 19304 | (laser with clad\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/08 07:31 |
| S18 | 226 | S17 and (laser beam) and (rectangle or square) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/08 07:31 |
| S19 | 2896 | clad\$4 and cylinder and valve | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/08 07:32 |

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| S20 | 28 | S19 and (laser beam) and (rectangle or square) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/08 07:32 |
| S21 | 131 | S19 and (laser beam) and (rectangle or square) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/08 08:22 |
| S22 | 74 | (laser with clad\$4) and ((cylinder-head) or (cylinder head)) and valve | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/08 08:35 |
| S24 | 2 | S22 and (laser beam with rectangle) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/08 08:36 |
| S27 | 26 | S19 and ((laser diode array) or (laser array)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/08 11:51 |
| S29 | 10416 | (laser with cladding) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/08 18:45 |
| S30 | 10 | S29 and (flow stop \$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/08 18:45 |
| S31 | 152 | S29 and (flow control \$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/08 18:51 |
| S32 | 74 | (laser with clad\$4) and ((cylinder-head) or (cylinder head)) and valve | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/09 16:27 |
| S39 | 10425 | (laser with cladding) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/09 18:05 |

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| S41 | 5 | S39 and (rotated reverse\$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/09 18:05 |
| S42 | 2333 | (laser head) and rotat\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/09 18:50 |
| S43 | 599 | (laser head) with rotat\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/09 18:53 |
| S45 | 599 | (laser head) with rotat\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/10 07:55 |
| S46 | 2 | S45 and cylinder head | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/10 07:55 |
| S47 | 2333 | (laser head) and rotat\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/10 07:58 |
| S48 | 14 | S47 and cylinder head | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/10 07:58 |
| S51 | 10425 | (laser with cladding) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/10 08:53 |
| S52 | 3 | S51 and (rotat\$3 laser head) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/10 08:53 |
| S53 | 19 | (clad or cladding) and (rotat\$3 laser head) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/10 08:55 |
| S57 | 15 | cladding and (rotate laser head) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/10 09:40 |

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| S68 | 36 | (rotate laser head) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/10 09:41 |
| S69 | 112 | (rotat\$3 laser head) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/10 09:43 |
| S74 | 19281 | (laser with (clad or cladding)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/11 13:43 |
| S75 | 1 | S74 and ((compressive gas) or (compressive supply)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/11 13:46 |
| S76 | 190305 | clad or cladding | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/11 13:49 |
| S77 | 15438 | S76 and powder | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/11 13:49 |
| S78 | 11289 | S77 and (stop\$4 or reduc\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/11 13:50 |
| S79 | 7739 | S78 and pressure | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/11 13:51 |
| S80 | 90185 | S76 and (stop\$4 or reduc\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/11 13:53 |
| S81 | 601 | S80 and (powder material) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/11 13:53 |
| S82 | 34457 | S80 and pressure | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/11 13:53 |

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| S83 | 440 | S81 and pressure | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/11 13:54 |
| S84 | 26 | clad\$4 same (stop\$4 or reduc\$4) same (powder material) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/11 13:58 |
| S85 | 439 | S83 and clad\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/11 14:52 |
| S86 | 876 | S80 and (powder\$3 material) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/11 15:31 |
| S87 | 652 | S86 and pressure | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/11 15:32 |
| S89 | 352 | (219/121.47).CCLS | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/14 11:06 |
| S91 | 224 | S89 and pressure | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/14 11:08 |
| S105 | 190464 | clad or cladding | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/15 11:31 |
| S106 | 90227 | S105 and (stop\$4 or reduc\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/15 11:31 |
| S107 | 602 | S106 and (powder material) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/15 11:31 |

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| S108 | 440 | S107 and pressure | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/15 11:31 |
| S109 | 439 | S108 and clad\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/15 11:31 |
| S110 | 877 | S106 and (powder\$3 material) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/15 11:31 |
| S111 | 652 | S110 and pressure | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/15 11:31 |
| S112 | 439 | S111 and S109 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/15 11:31 |
| S117 | 10 | ((plasma or laser) and ((powder with spray \$3) with (constant or steady) with pressure) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/16 16:28 |
| S127 | 0 | (laser with clad\$4) WITH (SWIRL\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/05/16 17:53 |
| S128 | 14 | (laser with clad\$4) and (SWIRL\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/05/16 17:53 |
| S129 | 114 | (laser with head) and (SWIRL\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/05/16 17:54 |
| S140 | 34 | (laser with clad\$4) and (RECTIFIER) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/06/18 09:50 |

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| S141 | 1479 | (clad\$4) and (RECTIFIER) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/06/18 09:51 |
| S142 | 35 | (clad\$4) with (RECTIFIER) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/06/18 09:51 |
| S143 | 233 | (powder) with (RECTIFIER) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/06/18 09:58 |
| S144 | 3 | S143 and laser | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/06/18 09:59 |
| S145 | 5 | laser with head with rectif\$2 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/06/18 10:01 |
| S146 | 233 | (powder) with (RECTIFIER) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/06/18 11:36 |
| S147 | 0 | S146 with (laser with head) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/06/18 11:37 |
| S149 | 21 | (laser with clad\$4) WITH (pressur\$4 with gas) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/06/19 14:10 |
| S151 | 18 | S150 and (pressur\$4 with gas) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/06/19 14:14 |
| S152 | 63 | (laser with head) with (reverse with direction) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/06/19 16:04 |

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| S155 | 1 | S152 and cladding | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/06/19 16:04 |
| S156 | 4 | S152 and weld\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/06/19 16:06 |
| S159 | 25 | S158 and laser and direction | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/06/19 16:21 |
| S160 | 304 | ((laser with head) with ((reverse or change) with direction) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/06/19 16:24 |
| S161 | 241 | S160 not S152 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/06/19 16:28 |
| S162 | 101 | ((laser with clad\$4) and ((cylinder-head) or (cylinder head)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/06/19 18:23 |
| S163 | 56 | S162 and powder | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/06/19 18:24 |
| S164 | 10947 | ((laser with cladding) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/06/19 18:45 |
| S165 | 159 | S164 and (flow control\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/06/19 18:45 |
| S166 | 32 | S165 and powder | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/06/19 18:45 |
| S167 | 10947 | ((laser with cladding) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/06/20 17:19 |

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| Si68 | 159 | Si67 and (flow control\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/06/20 17:19 |
| Si69 | 60 | Si68 and stop\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/06/20 17:20 |
| Si72 | 10947 | (laser with cladding) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/06/21 10:49 |
| Si73 | 843 | Si72 and powder | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/06/21 10:49 |
| Si74 | 35 | Si73 and (open\$3 with air) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/06/21 10:50 |
| Si75 | 38 | (laser with clad\$4) and powder and (open\$3 with air) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/06/21 11:15 |
| Si76 | 3 | Si75 not Si74 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/06/21 11:15 |
| Si77 | 10947 | (laser with cladding) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/06/21 11:16 |
| Si78 | 159 | Si77 and (flow control\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/06/21 11:16 |
| Si79 | 70 | Si78 and air | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/06/21 11:16 |

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|------|----|---|--|-----|----|---------------------|
| S180 | 15 | (laser with clad\$4) and (laser with head with inclin\$4) | US-PGPUB; USPAT; USOCR; FPIS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/11/30 11:31 |
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